

# PIREP FORM

## Pilot Weather Report

→ = Space Symbol

3-Letter SA Identifier

1. **UA** →

Routine Report

**UUA** →

Urgent Report

2. **/OV** →

Location:

3. **/TM** →

Time:

4. **/FL**

Altitude/Flight Level:

5. **/TP** →

Aircraft Type:

*Items 1 through 5 are mandatory for all PIREPs*

6. **/SK** →

Sky Cover:

7. **/WX** →

Flight Visibility and Weather:

8. **/TA** →

Temperature (*Celsius*):

9. **/WV** →

Wind:

10. **/TB** →

Turbulence:

11. **/IC** →

Icing:

12. **/RM** →

Remarks:

## Encoding Pilot Weather Reports (PIREP)

1. **UA - Routine PIREP, UUA - Urgent PIREP**
2. **/OV - Location:** Use 3-letter NAVAID idents only.
  - a. Fix: /OV ABC, /OV ABC 090025.
  - b. Fix to fix: /OV ABC-DEF, /OV ABC-DEF 120020, /OV ABC 045020-DEF 120005, /OV ABC-DEF-GHI.
3. **/TM - Time:** 4 digits in GMT: /TM 0915.
4. **/FL - Altitude/Flight Level:** 3 digits for hundreds of feet. If not known, use UNKN: /FL095, /FL310, /FLUNKN.
5. **/TP - Type aircraft:** 4 digits maximum, if not known use UNKN: /TP L329, /TP B727, /TP UNKN.
6. **/SK - Cloud layers:** Describe as follows:
  - a. Height of cloud base in hundreds of feet. If unknown, use UNKN.
  - b. Cloud cover symbol.
  - c. Height of cloud tops in hundreds of feet.
  - d. Use solidus (/) to separate layers.
  - e. Use a space to separate each sub element.
  - f. Examples: /SK 038 BKN, /SK 038 OVC 045, /SK 055 SCT 073/085 BKN 105, /SK UNKN OVC
7. **/WX - Weather:** Flight visibility reported first. Use standard weather symbols, intensity is not reported: /WX FV02 R H, /WX FV01 TRW.
8. **/TA - Air temperature in Celsius:** If below zero, prefix with a hyphen: /TA 15, /TA -06.
9. **/WV - Wind:** Direction and speed in six digits. /WV 270045, /WV 280110.
10. **/TB - Turbulence:** Use standard contractions for intensity and type (use CAT or CHOP when appropriate). Include altitude only if different from /FL. /TB EXTRM, /TB LGT-MOD BLO-090.
11. **/IC - Icing:** Describe using standard intensity and type contractions. Include altitude only if different than /FL: /IC LGT-MDT RIME, /IC SVR CLR 028-045.
12. **/RM - Remarks:** Use free form to clarify the report. Most hazardous element first: /RM LLWS -15KT SFC-003 DURGC RNWY 22 JFK.  
Refer to FAAH 7110.10 for expanded explanation of TEI coding.

### Examples of Completed PIREPS

UA /OV RFD 170030/TM 1315/FL160/TP PA60 /SK 025 OVC 095/180 OVC  
/TA -21/WV 270048

UA /OV DHT 360015-AMA-CDS/TM 2116/FL050/TP PA32 /SK UNKN OVC/WX FV03 R  
/TB LGT/TA 04/RM HVY RAIN